

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

Reaction 6 of 7

Reaction ID 7969602
Reactant cobalt stearate
Reactant BRN 3125876 butyl-*trans*-cinnamyl sulfide
No. of Reaction Details 1
Reaction Classification Chemical behaviour (half reaction)
Temperature 75 C
Other Conditions Autoxidation
Subject Studied Kinetics

Note 1 Handbook

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

Reaction 7 of 7

Reaction ID 8067751
Reactant BRN 1098929 (3-chloro-*trans*-propenyl)-benzene
Reactant sodium butane-1-thiolate
Product BRN 3125876 butyl-*trans*-cinnamyl sulfide
No. of Reaction Details 1
Reaction Classification Preparation
Reagent ethanol

Note 1 Handbook

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

Boiling Point

VALUE (BP) C	Pressure (.P) Torr	Note	Ref.
100	0.05	1	1

Note 1 Handbook

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Refractive Index

VALUE (RI)	Wavelength (.W) nm	Temperature (.T) C	Note	Ref.
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1.566	589	20	1	1
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Note 1 Handbook

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

Nuclear Magnetic Resonance 1 of 2

Description	Chemical shifts
Nucleus	¹ H
Solvents	CDCl ₃

Ref. 1 5717632; Journal; Tsay, Shwu-Chen; Lin, Lung Ching; Furth, Paul A.; Shum, Chi C.; King, Daniel B.; et al.; SYNTBF; Synthesis; EN; 3; 1993; 329-334;

Nuclear Magnetic Resonance 2 of 2

Description	Spin-spin coupling constants
Solvents	CDCl ₃

Note 1 ¹H-¹H

Ref. 1 5717632; Journal; Tsay, Shwu-Chen; Lin, Lung Ching; Furth, Paul A.; Shum, Chi C.; King, Daniel B.; et al.; SYNTBF; Synthesis; EN; 3; 1993; 329-334;

Infrared Spectra

Description	Bands
Solvent	CCl ₄

Note 1 3084 - 691 cm⁻¹

Ref. 1 5717632; Journal; Tsay, Shwu-Chen; Lin, Lung Ching; Furth, Paul A.; Shum, Chi C.; King, Daniel B.; et al.; SYNTBF; Synthesis; EN; 3; 1993; 329-334;